

POST-DOCTORAL RESEARCHER (Plant Genomics) (Anticipated)

(This is a grant-funded position through 12/31/2009. Continuation will be dependant on job performance and continued need for the appointment)

WORK LOCATION: Department of Agronomy and Environmental Management, Louisiana State University Agricultural Center, Baton Rouge, Louisiana

RESPONSIBILITIES: The Department of Agronomy and Environmental Management is seeking a highly motivated and responsible individual for the genetic dissection of both weedy and agronomic attributes using genomics approaches through a funding from USDA-NRI Competitive Grants Program. The successful candidate will have to develop introgression lines covering all 12 chromosomes of rice. Primary responsibilities of this position include organizing and conducting crossing work, molecular marker screening, developing a database of marker profile of lines in each successive backcross generation, functional analysis of selected introgression lines using rice oligoarrays, and publication of results in peer-reviewed journals. The candidate is expected to travel to International Rice Research Institute where a part of the field screening will be conducted.

QUALIFICATION REQUIREMENTS: Ph. D. in Plant Breeding, Genetics or related field with a strong organizational, written and oral communication, and computer skills. The candidate must have solid hands-on experience and publication record involving a wide range of molecular markers, QTL mapping and gene expression analysis protocols. Additional requirements include experience of hybridization in rice and ability to work in small teams as well as independently.

SALARY AND BENEFITS: Salary will be commensurate with qualifications and experience. The LSU AgCenter has an attractive benefits package with a wide variety of benefit options. Current benefits offered include retirement, multiple medical insurance options, supplemental insurances (dental, life, long-term disability, accident, vision, long-term care, etc.), Tax Saver Flexible Benefits Plan (saves tax dollars on some child care and medical expenses), university holidays (14 per year, typically includes a week off at Christmas), generous annual (vacation) and sick leave benefits, Employee Assistance Program, and possible educational leave and tuition exemption for coursework at campuses of the LSU System. Specific benefits depend on job category, percent of full-time and length of employment.

DATE AVAILABLE: Feb 1, 2006 or upon completion of interview process.

APPLICATION DEADLINE: Jan 5, 2006 or until a suitable candidate is found.

APPLICATION PROCEDURE: Send a letter of application, a current curriculum vitae, copies of university transcripts, and have three current letters of recommendation forwarded to:

Dr. Prasanta K. Subudhi
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